PTO/SB/21 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number. Application Number 10/714.088 TRANSMITTAL Filing Date November 14, 2003 **FORM** First Named Inventor Sreenivasan et al. Art Unit be used for all correspondence after initial filing) Unassigned Examiner Name Unassigned Attorney Docket Number P69/MII-29-11-03 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Form 1449 - IDS Request for Refund **Express Abandonment Request** Fifty-one (51) References Return Receipt Postcard to Kenneth Brooks CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Law Office of Kenneth C. Brooks Individual name Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Alexis Sheffield Date teb. 5 Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicant: McMackin et al. PATENT APPLICATION

Serial No.: 10/714,088 Group Art Unit: Unassigned

Filing Date: November 14, 2003 Examiner: Unassigned

For: DISPENSE GEOMETRY TO ACHIEVE HIGH SPEED FILLING AND

THROUGHPUT.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56. Form PTO-1449 and a copy of each reference recited below accompanies this document. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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Kenneth C. Brooks Req. No. 38,393

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Austin, Texas 78708-1536
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patentsrus@earthlink.net

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Complet	Complete if Known			
Application Number	10/714,088			
Filing Date	11/14/2003			
First Named Inventor	McMackin et al.			
Group Art Unit	Unassigned			
Examiner Name	Unassigned			
Attorney Docket Number	P69/MII-29-11-03			

	T	U.S. Patent Do	ocument		Date of Publication of	Pages, Columns, Lines,
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	A1	4,267,212		Sakawaki	05-12-1981	
	A2	4,451,507		Beltz et al.	05-29-1984	
	A3	4,731,155		Napoli et al.	03-15-1988	
	A4	5,425,848		Haisma et al.	06-20-1995	•
	A5	5,480,047		Tanigawa et al.	01-02-1996	
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· ·	A8	5,747,102		Smith et al.	05-05-1998	
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	A17	6,361,831		Sato et al.	03-26-2002	
	A18	6,518,168		Clem et al.	02-11-2003	
	 					
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Complete if Known Substitute for form 1449A/PTO Application Number 10/714,088 INFORMATION DISCLOSURE 11/14/2003 Filing Date STATEMENT BY APPLICANT **First Named Inventor** McMackin et al. Group Art Unit Unassigned (use as many sheets as necessary) Unassigned **Examiner Name**

Attorney Docket Number

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	(ii kilothi)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^c		
	A19	JP	1-196749		Matsumoto et al.	08-08-1989		
	A20	wo	01/69317		Montelius et al.	09-20-2001		Т
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OTHER PRIC	OR ART - I	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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-	A22	LIN, "Multi-Layer Resist Systems", Introduction of Microlithography," American Chemical Society, 1983, pp. 287-350, IBM T.J. Watson Research Center, Yorktown Heights, New York 10598.	
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OTHER PRIC	OR ART -	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Complete if Known Substitute for form 1449B/PTO **Application Number** 10/714,088 INFORMATION DISCLOSURE 11/14/2003 Filing Date **ATEMENT BY APPLICANT First Named Inventor** McMackin et al. Group Art Unit Unassigned (use as many sheets as necessary) **Examiner Name** Unassigned

Attorney Docket Number

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A51	10/194,991, Filed with USPTO July 11, 2002.	
	A43 A44 A45 A46 A47 A48 A49	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Ad3 Nguyen, A. Q., "Asymmetric Fluid-Structure Dynamics in Nanoscale Imprint Lithography," University of Texas at Austin, August 2001. CHOI et al., "Flexture Based Macro Motion Translation Stage," U.S. Patent Application 09/934,248, Filed with USPTO on August 21, 2001. BAILEY et al., "Template for Room Temperature Low Pressure Micro- and Nano-Imprint Lithography," U.S. Patent Application 09/976,681, Filed with USPTO on October 12, 2001. VOISIN, "Methods of Manufacturing a Lithography Template," U.S. Patent Application 10/136,188, Filed with USPTO on May 1, 2002. WILLSON et al., "Method and System for Fabricating Nanoscale Patterns in Light Curable Compositions Using an Electric Field," U.S. Patent Application 09/905,718, Filed with USPTO on May 16, 2002 WATTS et al., "System and Method for Dispensing Liquids," U.S. Patent Application 10/191,749, Filed with USPTO July 9, 2002. SREENIVASAN et al., "Method and System for Imprint Lithography Using an Electric Field," U.S. Patent Application 10/194,410, Filed with USPTO July 11, 2002. SREENIVASAN et al., "Step and Repeat Imprint Lithography Systems," U.S. Patent Application 10/194,414, Filed with USPTO July 11, 2002. SREENIVASAN et al., "Step and Repeat Imprint Lithography Processes," U.S. Patent Application

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